

**INDUSTRIAL COMPONENT DATA**

# 3RT2017-1BM42 SIEMENS power contactor, AC-3 12 A, 5.5 kW / 400 V 1 NC, 220 V DC 3-pole, Size S00 screw termi..

Brand: SIEMENS | Manufacturer Part Number: 3RT2017-1BM42



|                 |                               |
|-----------------|-------------------------------|
| Manufacturer    | SIEMENS                       |
| MPN / Reference | 3RT2017-1BM42                 |
| Catalog number  | 20171                         |
| Category        | Power contactor, AC switching |
| Minimum order   | 1 Pcs                         |
| Document ID     | EO-5BF6CE2099                 |
| Generated       | 2026-08-04                    |

## Product Overview

power contactor, AC-3 12 A, 5.5 kW / 400 V 1 NC, 220 V DC 3-pole, Size S00 screw terminal

**STRUCTURED PRODUCT DATA**

## Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

## Classification & Catalog Path

|              |                                                                    |
|--------------|--------------------------------------------------------------------|
| Catalog path | SIEMENS > CONTROL AND CONTACTORS > Contactors for switching motors |
|--------------|--------------------------------------------------------------------|

## Additional Product Information

**Technical data**

power contactor, AC-3 12 A, 5.5 kW / 400 V 1 NC, 220 V DC 3-pole, Size S00 screw terminal

product brand name SIRIUS

product designation Power contactor

product type designation 3RT2

**General technical data**

size of contactor S00

product extension

? function module for communication No

? auxiliary switch Yes

power loss [W] for rated value of the current

? at AC in hot operating state 3.6 W

? at AC in hot operating state per pole 1.2 W

? without load current share typical 4 W

insulation voltage

? of main circuit with degree of pollution 3 rated value 690 V  
? of auxiliary circuit with degree of pollution 3 rated value 690 V  
surge voltage resistance  
? of main circuit rated value 6 kV  
? of auxiliary circuit rated value 6 kV  
maximum permissible voltage for safe isolation between coil and main contacts according to EN 60947-1 400 V  
shock resistance at rectangular impulse  
? at DC 7.3g / 5 ms, 4.7g / 10 ms  
shock resistance with sine pulse  
? at DC 11,4g / 5 ms, 7,3g / 10 ms  
mechanical service life (switching cycles)  
? of contactor typical 30 000 000  
? of the contactor with added electronically optimized auxiliary switch block typical 5 000 000  
? of the contactor with added auxiliary switch block typical 10 000 000  
reference code according to IEC 81346-2 Q  
Substance Prohibitance (Date) 10/01/2009  
Ambient conditions  
installation altitude at height above sea level maximum 2 000 m  
ambient temperature  
? during operation -25 ... +60 °C  
? during storage -55 ... +80 °C  
relative h...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send SIEMENS / 3RT2017-1BM42 with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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